

|                                                                                      |                                                  |                                                                                                 |                                                                              |
|--------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| HISTORY KEPT<br>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>  |                                                  | <b>ILLINOIS HIGHWAY INFORMATION SYSTEM</b><br><b>STRUCTURE INFORMATION AND PROCEDURE MANUAL</b> |                                                                              |
| NBIS REQUIRED<br>YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> |                                                  | ITEM NAME <b>NEAR / FAR APPROACH SPAN TYPE</b>                                                  | ITEM NO. <b>44BN / BF</b><br>PAGE <b>1 of 2</b><br>EFF. DATE <b>07/01/02</b> |
|                                                                                      |                                                  | ISIS                                                                                            | MMIS                                                                         |
| RESPONSIBLE FOR UPDATE                                                               | District Program Development                     |                                                                                                 | N/A                                                                          |
| STRUCTURES                                                                           | All                                              |                                                                                                 | N/A                                                                          |
| UPDATE SCREENS                                                                       | (1) Add New Structure<br>(2) General Inventory 1 |                                                                                                 | N/A                                                                          |
| INQUIRY SCREENS                                                                      | (2) Inventory Data 2                             |                                                                                                 | (1) Inventory Data 2 of 3                                                    |

### DESCRIPTION AND PURPOSE OF ITEM

This item identifies the predominant structure types used for near / far approach spans. The ISIS database will accommodate two different approach spans for each of the near and far approaches to the structure. Near and far are defined in the direction of inventory. The first approach span(s), either near or far, is identified as the span(s) nearest the roadway. The second would therefore be the span(s) nearest the main span. The approach span(s) are those spans that connect the main structure with the road, or the spans with design and material different from that of the main structure. Refer to Appendix C, Figures 2.01 - 2.15.

### CODE AND SCREEN ENTRY INSTRUCTIONS

Two-digit fields for each of two occurrences of near or far approach spans.

**Enter the code for the predominant structure type(s) both for near and far approach spans as entered in Items 44AN and 44AF.**

| <u>Code</u> | <u>Description</u>                           | <u>Code</u> | <u>Description</u>                                                  |
|-------------|----------------------------------------------|-------------|---------------------------------------------------------------------|
| 01          | Slab                                         | 16          | Movable – Bascule                                                   |
| 02          | Multi-beam                                   | 17          | Movable – Swing                                                     |
| 03          | Deck Girder (Load Path Non-Redundant System) | 18          | Tunnel                                                              |
| 04          | Tee Beam                                     | 19          | Culvert                                                             |
| 05          | Box beam - Multiple Adjacent                 | 20          | Pipeline                                                            |
| 06          | Box beam - Single or Spread                  | 21          | Toll Plaza                                                          |
| 07          | Rigid Frame & 3-Sided Precast                | 22          | Tollway Restaurant (Overhead)                                       |
| 08          | Orthotropic                                  | 23          | Pedestrian Overpass                                                 |
| 09 *        | Truss - Deck (non-specific)                  | 24          | Thru Girder                                                         |
| 10 *        | Truss - Thru & Pony (non specific)           | 25          | Arch-Deck, Open Spandrel                                            |
| 11          | Arch - Deck, Filled Spandrel                 | 26          | Low Water Crossing                                                  |
| 12          | Arch - Thru                                  | 00 **       | Other                                                               |
| 13          | Suspension                                   | 28          | Segmental Box Girder                                                |
| 14          | Cable Stayed (formerly Stayed Girder)        | 29          | Channel Beam                                                        |
| 15          | <b>Movable – Lift</b>                        | 30-70       | Specific Truss Types. See descriptions on page 2 of 2 for Item 43B. |

\* Use codes 30 through 70 in place of codes 09 and 10. Codes 09 and 10 are obsolete and

# ILLINOIS HIGHWAY INFORMATION SYSTEM

## STRUCTURE INFORMATION AND PROCEDURE MANUAL

|           |                               |           |           |
|-----------|-------------------------------|-----------|-----------|
| ITEM NAME | NEAR / FAR APPROACH SPAN TYPE | ITEM NO.  | 44BN / BF |
|           |                               | PAGE      | 2 of 2    |
|           |                               | EFF. DATE | 07/01/02  |

### Specific Truss Types

| <u>Code</u>                 | <u>Type</u>                                               |
|-----------------------------|-----------------------------------------------------------|
| *** <u>Pony Trusses</u> *** |                                                           |
| 30                          | Pratt Pony - Eyebar                                       |
| 31                          | Pratt Pony - Riveted                                      |
| 32                          | Pratt Half-hip Pony                                       |
| 33                          | Truss Leg Bedstead - Eyebar                               |
| 34                          | Truss Leg Bedstead - Riveted                              |
| 35                          | Warren Pony                                               |
| 36                          | Modified Warren Pony                                      |
| 37                          | Quadrangular Warren (Lattice, Double Intersection Warren) |
| 38                          | King Post or Queen Post                                   |
| *** <u>Thru Trusses</u> *** |                                                           |
| 50                          | Pratt Thru - Eyebar                                       |
| 51                          | Pratt Thru - Riveted                                      |
| 52                          | Parker – Eyebar                                           |
| 53                          | Parker - Riveted                                          |
| 54                          | Camelback - Eyebar                                        |
| 55                          | Camelback - Riveted                                       |
| 56                          | Double Intersection Pratt (Whipple)                       |
| 57                          | Pennsylvania (Petit)                                      |
| 58                          | Continuous                                                |
| 59                          | Cantilever (Suspended Span)                               |
| *** <u>Deck Trusses</u> *** |                                                           |
| 60                          | Pratt Deck - Eyebar                                       |
| 61                          | Pratt Deck - Riveted                                      |
| 62                          | Warren                                                    |
| 63                          | Continuous                                                |
| 64                          | Cantilever (Suspended Span)                               |
| 70                          | Other Unclassified Trusses                                |

Refer to Appendix C, Figures 2.13 through 2.15, for illustrations.